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Prof. Dr. Amal Bouich is a professor and researcher in the Physics Department at the Faculty of Sciences, Ibn Tofaïl University in Kenitra, Morocco. She is a member of the Laboratory of Advanced Materials and Process Engineering (LMAIP), where she conducts research in the fields of applied physics, advanced materials, and process engineering. Prof. Bouich is also actively involved in academic supervision and teaching at both undergraduate and graduate levels, particularly in programs focused on mechatronics, materials science, and renewable energy. Also Prof.Bouich worked as Assistant Professor at CFPIDF and Departament de Física Aplicada and Responsible researcher of GOPS group at Institut de Disseny i Fabricació (IDF), also leader of spinoff related to perovskite solar cells Universitat Politècnica de València.. Prof. Bouich obtained the Ph.D. degree from the Universitat Politècnica de València-Spain and Ibn Tofail University kenitra Morocco with a Score: Cum Laude (10/10) and International thesis Mention, carrying out her Ph.D. thesis in the field of semiconductor physics and their photovoltaic applications. In particular: the Investigation and Characterization of Hybrid Perovskites (MaPbI<sub>3</sub>, FaPbI<sub>3</sub>, CsPbI<sub>3</sub>) and Copper-Indium-Gallium selenide thin films for Tandem Solar Cells. She started her research work at the Universitat Politècnica de València (UPV) in 2018 . Since then, she has developed her research activity at the same university, holding her research work at the School of Design related to Applied Physics and Optoelectronics. The research of doctor Bouich's activity has been developed in the field of the Physics of Semiconductors, where she has published more than 116 papers in international journals and had 53 oral Presentations at International Conferences as an invited or plenary speaker with activities as chair sessions with H-index = 29 and H10-index 53. She is the leader of the SpinOff project about tandem solar cells elaborated in IDF- UPV. She had a price from UPV ideas with the best-advanced idea project related to flexible perovskite solar cells. After getting her Ph.D., she received the award of the best thesis project at UPV Ideas Program and the Award of category the Best thesis at the EMRS -2021 Fall Meeting of the European Materials Research Society (EMRS). Since 2018,she has integrated the research group named the Group of Opto- electronics and Semiconductors (GOPS) and began research in the semiconductor laboratory at the UPV. Since then, Prof. Bouich has actively collaborated with the research group GOPS, specializing in the preparation and characterization of semiconductor thin films for optoelectronic and photovoltaic applications. Nowadays,she is supervising 6 Ph.D. students and teaching physics courses about semiconductor Materials and quantum physics; the main research objective is the realization of a new generation of solar cells.